

ABSTRACT

An optical receiver preamplifier includes an inverting amplifier 1 and a current-voltage conversion element 2 connected between input and output terminals of the inverting amplifier 1. The inverting amplifier 1 includes a first transistor 3 having a gate
5 connected to the input terminal **In** of the inverting amplifier 1, a second transistor 4 having a source connected to a drain of the first transistor 3 and a gate to which a predetermined voltage **Vb** is applied, and a load 5 connected to a drain of the second transistor 4. A third transistor 6 is connected between the input terminal **In** of the inverting amplifier 1 and a source of the second transistor 4.